

Converting Colors

Hex(00599E)

Have a look what the booklet for
Hex(00599E) contains.

Hex(00599E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00599E)

Conversions

Conversions Part 1

Format	Color
Hex	00599E
RGB	0, 89, 158
RGB Percent	0%, 35%, 62%
CMY	1.0000, 0.6510, 0.3804
CMYK	1.00, 0.44, 0.00, 0.38
HSL	206°, 100%, 31%
HSV	206°, 100%, 62%
XYZ	9.7439, 9.6134, 33.6898
YIQ	70.2550, -75.1930, 2.5910

Conversions

Conversions Part 2

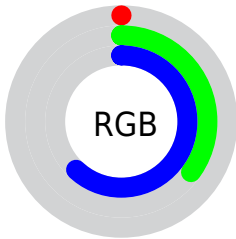
Format	Color
RYB	0, 57, 158
Decimal	22942
CIELab	37.14, 4.96, -43.65
CIELCh	37, 43.934, 276.484
Yxy	9.6134, 0.1837, 0.1812
Android (android.graphics.Color)	4278213022 (0xFF00599E)
YUV	70.2550, 43.2583, -61.6136
Hunter-Lab	31.0054, 1.8368, -42.7192

Details

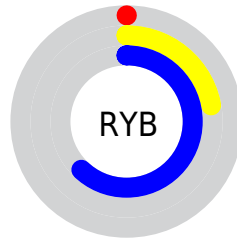
The Hex color **00599E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E4500**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **558AD5**, and **002D6A** is the 20% darker color. If you saturate the color by 10%, you get **00599E**, and if you desaturate by 10%, it is **10609E**.

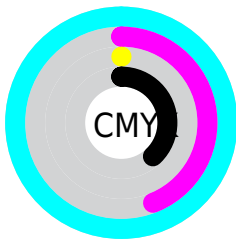
Distribution



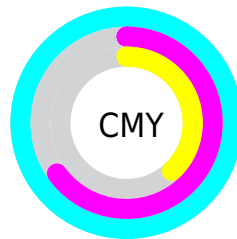
- Red (0%)
- Green (35%)
- Blue (62%)



- Red (0%)
- Yellow (22%)
- Blue (62%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00599E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00599E by changing the saturation by 10% instead.

 00599E

 00599E

FFFFFF

 004284

 558AD5

 002D6A

 73A5F2

 001951

 90C0FF

 00053A

 ADDBFF

 000223

 CBF8FF

 00000A

 E9FFFF

 000000

 00599E

 10609E

 20679E

 2F6E9E

 3F759E

 4F7B9E

 5F829E

 6F899E

 7E909E

 8E979E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006398



00599E



624B91

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00599E



923C2F



00663A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00599E



9E4500

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3D6119



00599E



7F4B12

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00599E



973451



625803



00685E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00599E



7E407F



625803



14652E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00599E



91B3CF



009E44



435869



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00599E



0074CF



000B9E



474C4F



00508F



00090F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9E0059



CF0074



9E9300



4F474C



8F0050



0F0009

Previews

White Background



This preview shows how the Hex color 00599E looks on a white background.

Color Contrast Check

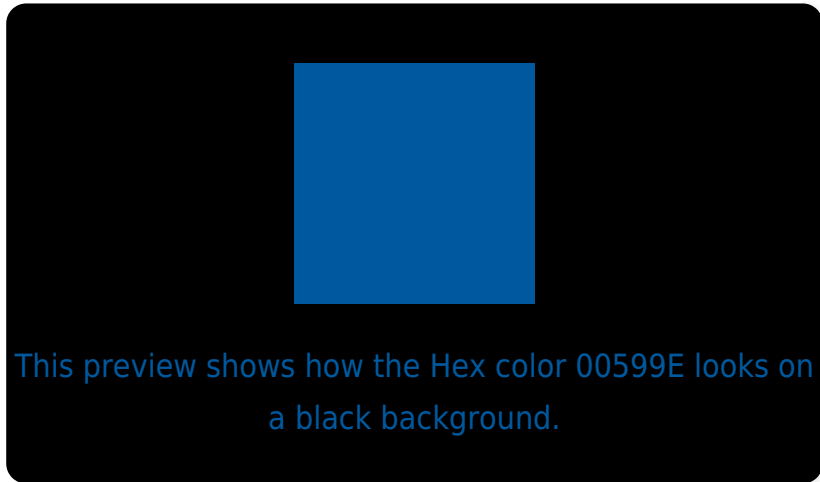
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00599E Background



This preview shows how black text looks on a background with the Hex color 00599E.



This preview shows how white text looks on a background with the Hex color 00599E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
006168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00599E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00599E looks like.

```
.text, #text, p{  
    color:#00599E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00599E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00599E
}
```

Border

The CSS property to change the border of an element to Hex 00599E is called "border". The border property can be set on classes, ids or directly on the HTML element.

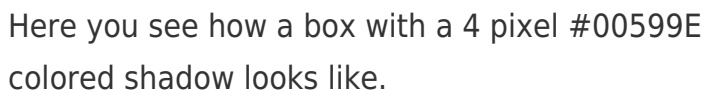
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00599E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00599E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #00599E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00599E; -webkit-box-shadow:4px 4px  
4px 4px #00599E; box-shadow:4px 4px 4px  
4px #00599E }
```

Background

The CSS property to change the background color of an element to Hex 00599E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00599E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00599E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor